

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

30 SEPTEMBER 1976

SENATE

The Senate held its first regular meeting on Friday, 24 September. The following items were among the matters considered.

Report on the Academic Development Committee

W. Kostash, Senate Observer on the Academic Development Committee, reported that this Committee requested deans of all faculties to submit their assumptions concerning the size of the University and detailing what they foresaw for the years 1976 to 1981 with regard to quotas, space and facilities, job market need, quality of students, the question of transfer students from other post-secondary institutions, and the fields of research and new educational programs. Mr. Kostash told the Senate that as this study progresses from consideration to implementation, the Senate may well see some stage in the process in which it could advise public scrutiny and seek public response. He also noted that the Academic Development Committee would gladly interact with the Senate, groups within the University, and other public bodies to explore these issues and help facilitate an understanding of the role of the University in the community.

Foreign students

Howard Hoggins, Executive Vice-President of the Students' Union, issued a plea to Senate members to assist in informing the public of the true nature of the foreign student issue. He reiterated vital points made in studies by the Foreign Student Advisor, the International Students' Association, and the Chinese Students' Organization. Among them were the facts that the foreign student population comprises only 4.62 percent of the student population, that the majority of these students are privately funded, and that the difference between landed immigrants and foreign students has not been clearly defined in the public mind. M. Horowitz noted that the Office of the Vice-President (Academic) will present a report to the University's Coordinating Council with conclusions similar to those found both by Mr. Hoggins and in the reports he mentioned. The Senate was in full agreement that there is an urgent need to educate the public in this matter and that the public is, perhaps, reacting emotionally and is unwilling to listen to facts. Thus, a motion was

carried to establish a committee that would investigate the best avenues to create a positive community attitude.

Emil Skarin Memorial Fund Committee

After discussions with University officials that took place over a considerable period of time, Mrs. Skarin gave the sum of \$50,000 to the University in February of this year to be held in perpetuity. The interest from this capital sum is to be used for projects "having an interest and value to the public as well as the University with an emphasis on the humanities and arts." Mrs. Skarin wished disposition of the interest to be on the recommendation of a "special committee to be established by the Senate of the University." It would be expected to invite proposals, investigate and assess them, and evaluate them afterwards. Senate members endorsed the establishment of a standing committee to administer the gift within the terms of reference specified by Mrs. Skarin. The following members were appointed to this Committee: a Skarin family member (to be specified), R.N. Dalby, R.G. Baldwin, G.M. Arbeau, G.N. Cormack, and L.D. Nelson.

Task Force on the Status of Women: Progress Report

The following report is part of the Progress Report presented to the Senate by June Sheppard.

In February of this year, Neil Henry, the Executive Officer of the Senate, presented a report on the responses received to the recommendations of the Report on the Status of Academic Women on this campus. The Senate then passed a resolution calling for further information. H.E. Gunning responded in April with a report on those recommendations which had been addressed to him through the Board of Governors. Since Dr. Gunning's report, several matters which were then tentative have been confirmed and I would like to inform the Senate accordingly.

1. *Anti-discrimination statement.* An anti-discrimination statement (Recommendation 1 in the Task Force Report) has now been placed in the revised Faculty Handbook, which is the central contractual document between the University and its academic staff.

Some reservations have been expressed by the Academic Women's Association about the force of the statement in the handbook because

it does not specify the *areas of application*. Nevertheless, the statement is generally applicable to all matters under the jurisdiction of the Handbook. One important area of concern which is not under this jurisdiction is that of *hiring* and *appointment* procedures. Those persons who feel they have been discriminated against will, at this stage, have to rely upon whatever statements exist or may be written into GFC policy. In addition to this, they may seek whatever redress they can obtain through the Alberta Human Rights Commission.

2. *Associate Vice-President with Responsibility for Women's Affairs.* Jean Lauber, former president of the Academic Women's Association and a member of the staff of the Zoology Department, was one of the prime initiators of the study into the status of academic women at the University of Alberta. She has recently been appointed a part-time Associate Vice-President (Academic) with responsibility for women's affairs in addition to other duties (Recommendation 8 of the Status of Women report).

3. *GFC Standing Committee on Equal Opportunities.* At the request of the Academic Staff Association and in direct response to the report of the Task Force on Academic Women, GFC has agreed to establish a Standing Committee on Equal Opportunities (Recommendation 13). Among the terms of reference proposed for this committee by the AASUA are the following:

- (a) To review the status and numbers of male and female staff in each faculty, school, and administrative unit and to specifically bring forward proposals to remedy inequities . . . (Recommendation 11).

- (b) To review the numbers of male and female students in each faculty and school and, where obvious inequalities exist, to devise ways and means of overcoming traditional attitudes that result in the funneling of students into career patterns that are thought to be "appropriate" to their particular sex (Recommendation 15).

- (c) To monitor hiring practices and decisions in order to ascertain that applicants of either sex have been given equitable consideration . . . (Recommendation 9).

- (d) To assess the extent of representation of women on GFC committees and to devise ways of "making every effort to increase

female representation on committees," . . . (Recommendation 13).

(e) To report to GFC in the spring of each year what progress, if any, has been made towards the achievement of the goal of equal opportunities for men and women (Recommendation 14).

These terms of reference suggested by the AASUA have just been recommended. They have not yet been accepted by GFC.

Dr. Lauber's appointment and the establishment of the Committee on Equal Opportunities by GFC places at the very heart of the administration of this University an ongoing mechanism for the refinement and implementation of Senate recommendations and any other matters that arise relative to the status of women academics at this campus.

4. *Salary review.* The Senate Study found a \$2,661 salary differential between average salaries of men and women on academic staff. Under Recommendation 10, it was proposed that specific salary studies be undertaken. In April of this year, Deans' Council approved a proposal for a systematic review of the salary and rank history of all women on academic staff (including librarians, administrative and professional officers, and sessionals). This review has now been initiated and the committee hopes to submit a report with specific recommendations for rectifying individual salary inequities sometime this fall.

5. *Day care* (Recommendation 5). In June 1975 a staff association survey documented an immediate need for two hundred additional places for children of faculty. An ad hoc planning committee is talking in terms of modules accommodating forty children each, although there appears to be little possibility (Continued on page three)

PROMOTIONS

Effective 1 July 1976.

Faculty of Agriculture and Forestry

Rural Economy

D.S. Gill	Professor
W.E. Phillips	Professor
E. Rapp	Professor
C.M. Grieve	Professor
F. Aherne	Associate Professor
R.H. Gooding	Professor
F.B. Wolfe	Professor
M. Le Maguer	Associate Professor
P.J. Murphy	Professor
C. Hiruki	Professor

Agricultural Engineering

Animal Science

Entomology

Food Science

Forest Science

Plant Science

Faculty of Arts

Anthropology

R. Frucht	Professor
R. Gruhn-Bryan	Professor
P. Bartl	Associate Professor
N.O. Fiertel	Associate Professor
R.E. Braun	Professor
U. Margolin	Associate Professor
S.J. Williams	Assistant Professor
T.S. Veeman	Associate Professor
R.F. Ayling	Professor
J. McMaster	Professor
M. Norman	Professor
C.J. Bullock	Associate Professor
L. Fitz	Associate Professor
R. Hoffpauir	Associate Professor
L.N. McKill	Associate Professor
S. Rees	Associate Professor
W.G. Watson	Associate Professor
D.J. Hall	Associate Professor
A. Strombergs	Associate Professor
J. Moore	Assistant Professor
J. Whittle	Librarian II

Art and Design

Classics

Comparative Literature

Drama

Economics

English

History

Music

Philosophy

R.N. Bosley	Professor
P.A. Schouls	Professor
A.A. Carlson	Associate Professor
F. Christensen	Associate Professor
L. Pratt	Associate Professor
D. Kuiken	Associate Professor
E.C. Lechelt	Associate Professor
E.H. Waugh	Associate Professor
R.W. Wilcocks	Professor
A.J. Ballah	Associate Professor
A.J. Holden	Associate Professor
T.M. Priestly	Associate Professor
W.A. Harrell	Associate Professor
G.S. Paul	Associate Professor

Political Science

Psychology

Religious Studies

Romance Languages

Slavic Languages

Sociology

Faculty of Business Administration and Commerce

C.G. Hoskins	Professor
A.N. Nedd	Professor
A.G. Nakamura	Associate Professor

FOLIO

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<i>Bacteriology</i>	L.E. Bryan	Professor
<i>Medicine</i>	N. Bruchovsky	Professor
	G.G. Goldsand	Professor
	J.S. Percy	Professor
	H.R. Rabin	Associate Professor

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that even one of these could be ready for the 1976-77 school term.

Meanwhile, the only campus daycare facility now available, operated by the Students' Union, is over-subscribed by more than one hundred and is virtually restricted to high-priority applicants (single parents, two-student families). Children of academic staff women will apparently have little chance when the first of the planned forty-child units is finally in operation.

It was recognized by the Task Force that there are very difficult problems of space on the campus. The fact remains, however, that the matter of daycare provision is one of the most serious and pressing at this University. It is a problem that has grown, rather than diminished, since the publication of the Task Force report.

6. *Women students* (Recommendations 15 and 12). In May of this year, Neil Henry sent a letter to all Deans in which he gave the rationale for Recommendation 12 ["to encourage women students to enter and complete graduate work"] and requested a response from each Dean in consultation with their faculties.

Eleven complete replies have been received from the seventeen faculties. Another three have indicated their intention to provide more complete information. Two of these are the Faculty of Arts and Faculty of Science. We have some appreciation of the difficulties involved for the Deans of these faculties because of their large size.

From [the replies], Senate can then decide what it wishes to do with Recommendation 15, which proposed the setting up of another task force. Perhaps the role of Senate in this matter will be only to recommend careful consideration of the subject of the GFC Committee on Equal Opportunities. Before any decision is made, however, the responses of all the Deans should be in the hands of Senate members.

There is little doubt that some real efforts have been made in the last six months to improve the status of academic women. There is also little doubt that the study initiated by this body, and the report coming out of that study, has influenced both attitudes and actions at this University. There is much still to be done, but steps have been taken and mechanisms set up through which action can follow our words.

Report of the Committee on Dental Services in Rural Areas

Members received a report from R. Calhoun, chairman of the Committee on Dental Service. While the report states that it was issued

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Faculty of Nursing <i>Nursing</i>	K. Dier	Associate Professor
Faculty of Pharmacy and Pharmaceutical Sciences <i>Pharmacy</i>	E.E. Knaus	Associate Professor
Faculty of Physical Education and Recreation <i>Movement Education</i>	M. Ellis J.L. Boorman J. James C.A. Padfield	Professor Associate Professor Associate Professor Assistant Professor
<i>Physical Education</i>	W.H. Cottle J. Donlevy H.A. Scott G.J. Smith H. Wenger	Professor Associate Professor Associate Professor Associate Professor Associate Professor
<i>Recreation Administration</i>	R.W. Glade L. Bella	Associate Professor Assistant Professor
Faculty of Rehabilitation Medicine <i>Physical Therapy</i>	B. Pickles K. Malcolm J. Semple D. Magee	Professor Associate Professor Associate Professor Assistant Professor
<i>Speech Pathology and Audiology</i>	S. Brainerd	Associate Professor
Faculty of Science <i>Chemistry</i>	B.L. Clarke G. Kotowycz J. Takats	Associate Professor Associate Professor Associate Professor
<i>Computing Science</i>	J. Tartar	Professor
<i>Genetics</i>	D. Nash	Professor
<i>Geography</i>	R.G. Ironside R.B. Charlten E.P. Lozowski	Professor Associate Professor Associate Professor
<i>Geology</i>	B.D. Chatterton	Associate Professor
<i>Linguistics</i>	M.L. Marckworth A.Z. Rozsypal	Associate Professor Associate Professor
<i>Mathematics</i>	A.N. Al-Hussaini K.F. Andersen J.L. Fisher J.L. Gamlen	Associate Professor Associate Professor Associate Professor Associate Professor
<i>Physics</i>	M.E. Evans J. Gray E. Nyland	Associate Professor Associate Professor Associate Professor
<i>Psychology</i>	C.J. Brainerd D.A. Boag J.K. Lauber	Professor Professor Professor
<i>Zoology</i>	W.G. Pearce	Professor
<i>Ophthalmology</i>	E. Gauk	Professor
<i>Paediatrics</i>	N.N. Finer	Associate Professor
<i>Pathology</i>	T. Wegmann J. LeRiche	Professor Associate Professor
<i>Pharmacology</i>	C. Heath	Professor
<i>Physiology</i>	K.J. Hutchison	Professor
<i>Psychiatry</i>	R.C. Bland	Associate Professor

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from a "layman's point of view," the Dean of the Faculty of Dentistry expressed his satisfaction with the report and considered it a vital document. The study concluded that a comprehensive province-wide preventative education program emphasizing personal responsibility for dental health and utilizing both private and public services was needed. It stressed the fact that the implementation of fluoridation should be an essential part of any preventative program. A major conclusion stressed that to implement any aspect of a denticare insurance program, without careful attention to prevention and to alternative methods of delivering dental services, would be to risk a costly and ineffective answer to a serious problem.

Report of the Nominating Committee

Senate members approved the membership of the following committees: *Executive Committee*. Continuing members: R.N. Dalby, H.E. Gunning, R.G. Baldwin, B. Hewes, J.R. Kandler. New members: L. Campbell, J. McDougall, E.J. Finch, N. Gee, H. Hoggins, T. Scambler, H. Verdin. *Honorary Degrees Committee*. Continuing members: R.N. Dalby, H.E. Gunning, B. Adler, A. Andrekson, H.K. Hanson, C. Ronning, P. Savaryn, E. Taylor. New members: B. Burgess, J. McBean, D. Rand, M. Samuel, W.H. Stewart. *Nominating Committee*. Continuing members: M.G. McCannel, R.N. Dalby, J. Sheppard, V. Wishart. New members: C.R. Compston, M. Flewwelling, E. Gillese, W. Kostash, M. Shaw.

The Nominating Committee report noted that the following members were elected 29 November 1975 to sit on Council until their Senate terms expire: C.R. Compston, M. Flewwelling, H.K. Hanson, P. Meekison, T. Scambler.

The Senate meeting concluded with an informal exchange of ideas in small groups between members and administrative and student leaders. They considered student services and student needs, administrative responsibility and authority, University policy and public expectations concerning foreign students, the University's commitment to high level professional training, foreign academics, and tenure.

THEORETICAL PHYSICS SUMMER SCHOOL

From 22 August to 3 September, the annual Theoretical Physics Summer School of the Canadian Association of Physicists (a NATO Advanced Studies Institute) was held at the Banff Centre. The subject of this year's meeting was critical phenomena and phase



President Gunning congratulates Jean Lehmann, class of 1925, who came to Homecoming 1975 from Toronto.



Chuck Moser of Athletic Services and the mascot GUBA at last year's Pre-Football Game Luncheon.

transitions. Twenty of the world's leading experts in the field lectured to one hundred participants on both the theoretical and experimental aspects of the subject. The participants, selected from some two hundred applicants, consisted of senior PhD students, Post-Doctoral Fellows, and junior staff members drawn from North America, western Europe, Poland, Israel, Brazil, Australia, and Japan.

The organizing committee of the summer school consisted of D.D. Betts, Director, and J. Rogiers, Secretary, both of the University of Alberta, along with M. Plischke of Simon Fraser University and R.B. Griffiths of Carnegie-Mellon University. Financial support for the meeting was received from NATO, the University of Alberta, the National Research Council of Canada, Atomic Energy Canada Limited, the US National Science Foundation, and Gulf Oil Company.

MOUSSEAU MEMORIAL LECTURE

Robert Fraser, authority on radiology and on diseases of the respiratory tract, will deliver the annual Mousseau Memorial Lecture. Dr. Fraser, Chairman of the Department of Diagnostic Radiology at the Royal Victoria Hospital in Montreal, will give the lecture, entitled 'Pulmonary Edema: Where, When, Why and How Excess Water Accumulates in the Lung,' on Wednesday, 6 October, at 8:15 p.m. in the Henry Marshall Tory Lecture Theatre. The lecture is free and open to the public.

The Mousseau Memorial Lecture is sponsored by the medical staff of the Edmonton General Hospital in memory of

L.P. Mousseau, Head of the Department of Surgery at the Hospital from 1937 to 1961. Dr. Mousseau was also an assistant professor of surgery at the University, and he served two three-year terms on the University's Board of Governors.

ALUMNI HOMECOMING 1976

In mid-October this year alumni will return to the University to participate in the annual Homecoming Weekend. The Weekend begins on Friday, 15 October, at 8 p.m. in the Faculty Club with a Wine and Cheese Party (\$3 per person). This is a chance for former students and teachers to meet again, and for faculty members to meet the alumni. All faculty members are welcome.

On Saturday morning at 10 a.m. there will be a tour of the campus, beginning from the Rutherford Galleria. The campus has changed beyond recognition in the past fifty years, as touring alumni will testify, but the preservation of its history—the renovation of Pembina and Athabasca Halls, for example—will be heartening to those who remember these buildings as the homes of their University lives.

At 11:30 a.m. in Lister Hall, there will be a luncheon which precedes the football game at 2 p.m. between the Golden Bears and the University of British Columbia Thunderbirds. Alumni who attend the luncheon (which costs \$2.50 for adults and \$1.50 for children) can go to the game for free.

The most important event of the weekend will be the Banquet and Ball, which begins at 6:30 p.m. in Lister Hall (\$8 per person). Here, special recognition and honor will be

given to the Silver, Golden, and Diamond classes ('51, '26, and '16), as well as to other special classes ('36, '56, '66, and '71). Tickets to Weekend events are available from the Alumni Office, 602 Students' Union Building, telephone 432-3224.

PEOPLE

- P. Krishnan, Associate Professor of Sociology, presented a paper entitled "Age and marriage in a nineteenth century Indian parish" at the XII International Congress of Genealogical and Heraldic Sciences in London, England. He also presented a seminar, "Historical demography of India in the nineteenth and twentieth centuries," to the Cambridge Group for the History of Populations and Social Structure at the University of Cambridge.
- G.S. Paul, Assistant Professor of Sociology, was an invited guest at a seminar on immigration in Canada and Britain, organized by the University of London, Institute of Commonwealth Studies. The seminar took place from 10 to 12 September.
- Bernard Schwartz of the Department of Elementary Education is the recipient of a research grant from the Canada Council in support of work in the area of children's insights into dwelling design, human settlements, and the contributions of architects.
- G. Fitzsimmons of the Department of Educational Psychology presented a major paper entitled "Stress management for dental hygienists and their patients" at the recent National Convention of Dental Hygienists held in Edmonton.

- Jim Hackler, Professor of Sociology, as President of the Research Committee on Deviance and Social Control, International Sociological Association, opened a conference on "Cross-cultural Aspects of Deviance and Social Control" held in Hiroshima, Japan, in September. The organization plans to continue discussions related to cross-cultural research in this area in Uppsala, Sweden, in 1978. Dr. Hackler also presented a paper entitled "The 'imprecise' courts: unexplored avenues of cross-cultural research."
- L.C. Green, University Professor in the Department of Political Science, participated in the conference on rights of aliens and comparative national law as well as the round-table on humanitarian law in armed conflict. The conference was organized by the International Institute of Humanitarian Law and was held in San Remo from 31 August to 4 September.
- Norman Yates, Professor of Art and Design, was a member of a jury, along with Edmonton artist Bob Carmichael and Harry Savage of the Faculty of Extension, that selected and assembled an exhibition of new art in western Canada. The jurors were nominated and elected at a general artists' meeting in March. The exhibition, entitled "What's New!", runs from 15 October to 7 November at the Edmonton Art Gallery.
- Bruce Peel, Librarian to the University, and Lewis H. Thomas, Professor of History, received awards from the City of Edmonton's Historical Board at a ceremony held in Fort Edmonton on 16 September. The awards were made in recognition of the contribution that Mr. Peel and Professor Thomas have made to the preservation of Edmonton's history. Photographs of the recipients will hang in Edmonton's Hall of Fame.
- Bruce L. Derwing, Associate Professor of Linguistics, presented a paper at the meeting of the European Linguistic Society in Salzburg, Austria, and attended the International Phonology Meeting in Vienna. He also gave a series of ten invited lectures at universities in Copenhagen, and Odense in Denmark, and at Umea, Uppsala, Stockholm, and Gothenburg in Sweden.

BOOKS

- *Measurement in School Mathematics, 1976 Yearbook*, edited by Doyal Nelson, Professor of Elementary Education, has been published by the National Council of Teachers of Mathematics (NCTM). The publication is available from NCTM, 1906 Association Drive, Reston, Virginia 22091.
- *Trade and Underdevelopment: A study of*

the small Caribbean countries and large multinational corporations, by Iserdeo Jainarain, Visiting Professor of Economics, has been published by the Institute of Development Studies, University of Guyana. The book is available from The Bookshop, University of Guyana, PO Box 841, Georgetown, Guyana.

- *Fishes of the World*, by Joseph S. Nelson, Associate Professor of Zoology, is the first comprehensive modern classification of living fish species. The book is published by John Wiley and Sons of New York.

VISITORS

- Four prominent Australian educators, including three University of Alberta graduates, recently visited the Department of Educational Administration. The visitors were Hayden Williams, Director of the Western Australia Institute of Technology, Tom Moore (MED 1965), Deputy Director-General, Education Department of Victoria, Doug Anders (Dip.Ed.Admin. 1965), Director of the South Australian Institute for Educational Planning and Research, and Don Sinclair (MED 1973), Inspector of Secondary Schools, Education Department of Victoria. Dr. Moore conducted a seminar for doctoral students and staff, on federal-provincial/state relationships in education.

NOTICES

SINGLE PARENTS

Those interested in the formation of a group designed to share the concerns of single parents should contact Ruth Groberman, Dean of Students Office, telephone 432-3483, or Audrey Brooks, telephone 434-1837 (evenings).

APPLICATIONS FOR FUNDING

The Alma Mater Fund has funds available to assist groups on campus to finance worthwhile projects. The Fund is the University vehicle through which alumni are solicited for contributions each year. Gifts are also made to the Fund to be used for projects that will give an added dimension to University activities.

Criteria for projects are minimal, but projects should not be of a type normally funded from general University operating or research funds, not be for individual students to advance their academic careers (for publishing theses, etc.), nor be for salaries per se. They should be strongly oriented toward the student community.

Deadlines for this fall's applications is

30 October 1976. Applications should include descriptions and budget of the project and background information on the group making the application. Applications should be submitted to Lorne MacPherson, Secretary, Alma Mater Fund Allocation Committee, 849 General Services Building, telephone 432-4256.

ACADEMIC WOMEN'S ASSOCIATION

The first meeting of the Academic Women's Association for this academic year will be held on Tuesday, 12 October, in the Faculty Club. Dinner from the buffet will be available after 5:30 p.m. The program, at 7 p.m., entitled "View from the U-Hall—the administration answers," will feature Jean Lauber, Associate Vice-President (Academic). All part-time or full-time academic women, sessional instructors, librarians, and APO's are invited to attend. For memberships and dinner reservations, call Sheila Bertram, 3-11 Rutherford South, telephone 432-5315, before 7 October.

COMMITTEE VACANCIES CORRECTION

The advertisement of a Review Committee for Chairman of the Department of Economics should read Selection Committee for the Chairman of the Department of Economics

GENERAL APPEALS COMMITTEE

In view of the high degree of interest expressed by faculty members in the General Appeals Committee it has been decided to postpone the election of members to this Committee in order that the fullest possible slate may be presented to General Faculties Council for a vote by ballot at the October meeting. The Nominating Committee, therefore, renews its invitation to those who have suggestions for nominations or who are interested in serving on the General Appeals Committee to contact the Secretary of the Nominating Committee, 1-15 University Hall, telephone 432-4715.

The names of the following persons have already been submitted and will therefore automatically appear on the ballot:

G. McCaughey	F.D. Cook
S. Hameed	D. Campbell
J. Chambers	T. Yedlin
E.W. Ratsoy	B.M. Barker
P. Freeman	S. Quereschi
E. Richards	J. Creore
K.B. Newbound	D. Cass
C. Lockwood	R. McElhaney

SKI TOURING COURSE

The Edmonton Branch of the Alpine Club of Canada will present a series of four lectures entitled "Ski touring on the mountains" on 19 and 26 October and 2 and 9 November. All lectures will be held at 7:30 p.m. in P-126 Physics Building. The series is intended to acquaint backpackers and mountaineers with the equipment needed in winter and to give

them sufficient knowledge to enable them to extend their summer activities into winter. Topics will include the physiology of cold, clothing, shelter, selection of skis and other equipment, glacier travel, frostbite, and avalanches. The lectures are free and everyone is invited.

FOLK DANCING

International folk dancing classes will be held every Friday evening at 8 p.m. in 011 Physical Education Building. Recreational folk dancing will follow from 9 p.m. to 10:30 p.m. Everyone is welcome.

FACULTY BADMINTON

The main gymnasium will be available to all those eligible for the Faculty Club, including spouses and Post-Doctoral Fellows, to play badminton each Wednesday from 8:30 p.m. to 11 p.m. Fees are \$6 per person. For information telephone Reg Trollope, 432-4285, Jalpa Tewari, 432-3240, or Elaine Boychuk, 432-3766.

CLASSICS DEPARTMENT SEMINARS

The Classics Department sponsors a series of informal seminars on alternate Thursdays at 4 p.m. in the Humanities Centre. The Department is interested in contacting those members of the faculty or graduate students who are doing work in areas that relate to the Ancient Near East or the Graeco-Roman civilizations and who would like to present the results of their work or work-in-progress at a seminar. For further information contact T.N. Ballin, telephone 432-3295.

DEPARTMENT OF MUSIC EXPLORATIONS SERIES

A series of free evening concerts will be presented by the Department of Music, beginning 5 October at 8:30 p.m. in the Provincial Museum Auditorium. The program for the first concert includes Telemann's *Concerto in D* for trumpet, two oboes, and continuo; de Falla's *Suite of Spanish Folksongs*; and Schubert's late *A Minor Quartet*, among other works.

The series, entitled Series Five, aims to offer masterworks and popular works, as well as less known and modern works; one composition of an exploratory nature will be presented at each concert. Series Five will celebrate the centenary of Spanish composer Manuel de Falla and cellist Pablo Casals, both born in 1876.

WALDORF SCHOOL CONFERENCE

As a step toward founding a Waldorf School in Edmonton, the Waldorf School Association of Alberta is sponsoring a free conference on 8 and 9 October at the University of Alberta. The first lecture will be given in Room 231A of the Law Centre at 8 p.m. by Alan Howard, former Chairman of the

Toronto Waldorf School. The public is invited. For further information call 479-1260.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

30 SEPTEMBER, THURSDAY

Public Reading

12:30 p.m. Robert Kroetsch, author of *The Studhorse Man*, *Badlands*, and *The Stone Hammer Poems* will read in L-3 Humanities Centre.

Biology Seminar

4 p.m. "Models of thought processing," with speaker E.R. Caianiello, Director of the Institute of Cybernetics, Italy. CW-410 Biological Sciences Centre.

1 OCTOBER, FRIDAY

Public Lecture

2 p.m. "Education in revolutionary China: a Canadian educator's first-hand impressions," with speaker Harold MacNeil, Superintendent of Edmonton Separate Schools. 2-115 Education South.

Grad House

4 p.m. to 6 p.m. "TGIF." Chili, submarine sandwiches, and "barbecue your own" steaks. 8 p.m. to 12 midnight. Fall hours of Grad House.

Faculty Club

Downstairs. Pizza, \$4.50.
Upstairs. Lobster, \$12.50. Also regular dinner menu; reservations required.

Cinematheque 16

7:30 p.m. *Panic in Needle Park* (United States, 1971). Starring Al Pacino. *Downstairs*, Edmonton Art Gallery. Admission is \$2.50 for non-members and \$2 for members.

National Film Theatre

8 p.m. *Il ne faut pas mourir pour ça/Don't Let It Kill You* (Canada, 1967). Directed by Jean-Paul Lefebvre. English subtitles. Edmonton Public Library Theatre. Membership is \$1 for all 1976 series; admission, \$2 for adults and \$1.50 for students; series tickets, \$20 for adults and \$16 for students.

Jazz

8 p.m. and 10 p.m. Stephane Grappelli and the Diz Disley Trio. Students' Union Theatre. Admission \$6.50. Tickets available at the HUB Box Office and all Exhibition outlets.

2 OCTOBER, SATURDAY

Dried Flower Sale

9:30 a.m. to 5:30 p.m. Sponsored by the

Friends of the Botanic Garden. Southgate Shopping Mall.

Football

2 p.m. Golden Bears versus the University of Calgary Dinosaurs. Varsity Stadium.

Faculty Club

Downstairs. "From the grill." Regular Lower Lounge menu.

Upstairs. Lobster, \$12.50. Also regular dinner menu; reservations required.

Student Cinema

7 p.m. and 9:30 p.m. *Missouri Breaks* (United States, 1976). Starring Marlon Brando and Jack Nicholson. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

Edmonton Opera Association

8 p.m. *The Barber of Seville* by Rossini (in English) with Huguette Tourangeau, Alan Titus, and John Walker. Jubilee Auditorium. Tickets available at Woodward's or from the Association, telephone 424-5797.

3 OCTOBER, SUNDAY

Cinematheque 16

1:30 p.m. and 3:30 p.m. *Persona* (Sweden, 1966). Directed by Ingmar Bergman. English subtitles. *Downstairs*, Edmonton Art Gallery. Admission is \$2.50 for non-members and \$2 for members.

Provincial Museum

4 p.m. and 7 p.m. *The Mummy*, with Boris Karloff. Admission is free.

4 OCTOBER, MONDAY

Plant Science Seminar

1 p.m. "Information for greenhouse users," with speaker Helge Welling, Department of Plant Science. Of special interest to users of the Plant Science Greenhouse facilities. 490 Agriculture Building.

Chinese Film

7 p.m. and 9 p.m. *The Last Message*. English subtitles. Students' Union Theatre. Admission is \$2.50. Advance tickets available at Sun Wah Company, 10166A 97 Street, telephone 429-0531.

Edmonton Film Society

8 p.m. *The Shop Around the Corner* (United States, 1940). Directed by Ernst Lubitch and starring James Stewart. Classics Series. TL-11 Henry Marshall Tory Building. Series tickets, \$13 regular and \$11 students, at the HUB Box Office or at the door.

Edmonton Opera Association

8 p.m. *The Barber of Seville* by Rossini (in English) with Huguette Tourangeau, Alan

Titus, and John Walker. Jubilee Auditorium. Tickets available at Woodward's or from the Association, telephone 424-5797.

5 OCTOBER, TUESDAY

Chinese Film

7 p.m. and 9 p.m. *The Last Message*. English subtitles. Students' Union Theatre. Admission is \$2.50. Advance tickets available at Sun Wah Company, 10166A 97 Street, telephone 429-0531.

National Film Theatre

8 p.m. The Cartoons of Robert Clampett. Edmonton Public Library Theatre. Membership is \$1 for all 1976 series; admission is \$2 for adults and \$1.50 for students; series tickets \$10 for adults and \$8 for students.

Ski Film

8 p.m. With Warren Miller. Jubilee Auditorium. Tickets at the Skiers Sportshop, telephone 424-1616.

Edmonton Jazz Society

8:30 p.m. Jazz at The Hovel, 109 Street and Jasper Avenue. Admission \$1.50 for EJS members and \$2.50 for non-members.

Explorations Series Concert

8:30 p.m. Performers will be staff, students, and friends of the Department of Music, including the University String Quartet. Provincial Museum Auditorium. Admission is free.

6 OCTOBER, WEDNESDAY

Civilisation Series

12 noon. *Later Middle Ages, France and Italy*. L-3 Humanities Centre.

Film

5 p.m. and 7:30 p.m. *More than a Million Years*, a film about political prisoners in Indonesia. Sponsored by the Edmonton Group of Amnesty International. 2-115 Education South.

Public Lecture

5:30 p.m. "East-West relations from the Bonn perspective," with speaker Fernald Tanguay, Deputy to the Ambassador to West Germany. 14-6 Henry Marshall Tory Building.

Student Cinema

7 p.m. and 9:30 p.m. *Adrift* (Czechoslovakia, 1968). Directed by Jan Kadar. English subtitles. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

7 OCTOBER, THURSDAY

Civilisation Series

12:30 p.m. *Later Middle Ages, France and Italy*. L-3 Humanities Centre.

Sociology Colloquium

3 p.m. "Structure: the mathematical necessity for order and hierarchy in large complex systems," with speaker E.R. Caianiello, Director of the Institute of Cybernetics, Italy. 5-15 Henry Marshall Tory Building.

Public Lecture

6 p.m. "Samuel Beckett and the idea of death," with speaker Christopher Ricks, Cambridge University, L-3 Humanities Centre.

German Film

7:30 p.m. *Emil und die Detektive*. 17 Arts Building. Admission is free.

Cinematheque 16

7:30 p.m. *Ned Kelly* (Australia, 1970). Starring Mick Jagger. Downstairs, Edmonton Art Gallery. Admission is \$2.50 for non-members and \$2 for members.

Music

8 p.m. Makhvala Kasrashvilli, soprano, and Ruber Agaronyan, violinist, Students' Union Theatre. Admission \$5. Tickets available at the HUB Box Office and all Exhibition outlets.

Grad House

8 p.m. to 12 midnight. "Octoberfest." Sauerkraut, bratwurst. Entertainment: Bavarian music.

8 OCTOBER, FRIDAY

Faculty Club

Downstairs. "From the grill." Regular Lower Lounge menu. *Upstairs*. "Thanksgiving Special." Roast turkey, mashed potatoes, broccoli, cranberry sauce, pumpkin pie. Reservations required.

Cinematheque 16

7:30 p.m. *Alice's Restaurant* (United States, 1969). Starring Arlo Guthrie. Downstairs, Edmonton Art Gallery. Admission is \$2.50 for non-members and \$2 for members.

National Film Theatre

8 p.m. *Jusqu'au Coeur/Right to the Heart* (Canada, 1968). Directed by Jean-Paul Lefebvre. English subtitles. Edmonton Public Library Theatre. Membership is \$1 for all 1976 series; admission is \$2 for adults and \$1.50 for students; series tickets \$20 for adults and \$16 for students.

Concert

8:30 p.m. Abbey Simon, pianist. Sponsored by the Edmonton Symphony Society. Jubilee Auditorium. Tickets, Symphony Box Office, telephone 433-2020.

Ballet Ys

8:30 p.m. Canadian classical and jazz ballet company. Students' Union Theatre. Admission \$5. Tickets available at the HUB Box Office and all Exhibition outlets.

9 OCTOBER, SATURDAY

Faculty Club

Downstairs. "From the grill." Regular Lower Lounge menu.

Upstairs. Regular dinner menu. Reservations required. Entertainment: Vern Hettinger Trio.

Classical Guitar Concert

8:30 p.m. Alice Artzt, classical guitarist. Provincial Museum Auditorium. Admission is \$4 for adults, \$3 for students and senior citizens. Tickets at Carl Lotsberg Guitar Studio, 104 10852 82 Avenue, or at the door.

Ballet Ys

8:30 p.m. Canadian classical and jazz ballet company. Students' Union Theatre. Admission \$5. Tickets available at the HUB Box Office and all Exhibition outlets.

Concert

8:30 p.m. Abbey Simon, pianist. Sponsored by the Edmonton Symphony Society. Jubilee Auditorium. Tickets at the Symphony Box Office, telephone 433-2020.

EXHIBITIONS AND PLAYS

Provincial Museum

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.

To 10 October. "Into the Silent Land," an exhibition of photographs tracing the first tentative use of photography in the 1850s by explorers, survey teams, boundary engineers, and geologists in western Canada. Feature Gallery 4.

To 24 October. "Journey Into Our Heritage," a visual history of the Jewish communities in western Canada. Feature Gallery 3.

To 30 October. "Harry Bamber, Pioneer Leduc Photographer." Archives Foyer.

Museum winter hours: Monday to Saturday, 9 a.m. to 5 p.m.; Sunday, 11 a.m. to 9 p.m.

Rutherford House

Continuing. The House, 11153 Saskatchewan Drive, is furnished in its original manner. Admission is free. Winter hours: Saturday and Sunday, 12 noon to 6 p.m. Tours by appointment, telephone 427-3995.

Edmonton Art Gallery

From 8 October. "Reta Cowley." Watercolors by this Saskatoon artist.

From 8 October. "Tim Scott." Works by this British sculptor.

Students' Union Art Gallery

To 11 October. "Bob Scott." Exhibition of paintings. Gallery hours: 11 a.m. to 5 p.m., Monday through Friday.

Northern Light Theatre

To 30 October. *Passionella*, a musical comedy

based on a story by Jules Feiffer. Performances are at 12:10 p.m. Tuesday through Friday with extra performances at 1:10 p.m. Thursday and Friday. Also Saturday evenings at 7:30 p.m. and 9 p.m. Admission is \$2 for weekday performances, \$1.50 for senior citizens, and \$2.50 for Saturday performances. For information or reservations contact the Theatre Office, 10198 99 Street, telephone 429-3110.

NON-CREDIT COURSES

SOCIAL RESEARCH METHODS

Techniques of social research useful in guiding social policy decisions and in planning public information programs will be discussed in a Faculty of Extension course beginning 5 October.

This course has been designed specifically for community developers, planners, and others working in government or community organizations and who need to collect and evaluate data on which to base program decisions. Social Research Methods will be a ten-week course in which such topics as research design, measurement, data analysis, ethics, pragmatics, and interpretations will be discussed.

Registrations are now being accepted in 228 Corbett Hall. The fee is \$40 and the text is included. Additional information is available by calling 432-3033.

RADIATION SAFETY COURSES

The Radiation Control Committee is planning to hold another series of Radiation Safety Courses for individuals using, or planning to use, radioactive materials at the University of Alberta.

These courses are designed to give individuals, primarily at the technician level, some basic training in the safe use of radioactive materials in the laboratory. However, graduate students, faculty members, and other interested individuals are welcome.

The next course is scheduled to begin on 12 October. Enrolment in the course is restricted to fifteen persons. Individuals interested in attending a course can obtain registration forms from the Radiation Control Office by telephoning 432-5655. There will be a fee of \$1 per course participant to cover the cost of training manuals.

ENGLISH MEDICAL TERMINOLOGY

A special eight-week course in English as a second language with emphasis on medical terminology will be offered by the Faculty of Extension beginning 27 September. The course will be useful to doctors, nurses, nursing aids, orderlies, and other medical

personnel whose first language is not English.

The course will stress oral communication between the patient and medical staff and between staff members. It will entail enlarging the student's vocabulary to include words a patient might use to describe his symptoms, the English equivalents of Latin terms, remedial pronunciation, and practice to achieve fluency and ease in oral communication.

The cost of the course is \$50, which includes textbooks. Registrations are accepted in 228 Corbett Hall. For further information telephone 432-2497.

ALBERTA BIRD FAMILIES

A two-part course on Alberta bird families is being offered by the Faculty of Extension in cooperation with the Provincial Museum. The first part of the course is entitled Non-Passerines: Loons to Woodpeckers, and the second part Passerines: Flycatchers to Sparrows. The course begins on 7 October at 7:30 p.m. The instructor will be D.A.E. Spalding, Head Curator of Natural History for the Museum.

The program is designed to encourage amateur naturalists to widen their knowledge of the many different families of birds that inhabit Alberta. Lectures, demonstrations, and class discussions will introduce each family. Representative species will be discussed in depth, and students will be encouraged to undertake a special study of a particular species of their choice.

The fee is \$30 for Part I. Registrations are accepted in 228 Corbett Hall. Additional information is available by calling 432-3035 or 432-3116.

SCHOLARSHIPS, FELLOWSHIPS AND AWARDS

University Women's Club Bursary

The University Women's Club is offering bursaries of \$250 to \$300 to aid mature students who require financial assistance to continue their education. Bursaries are given on the basis of need. Application should be made before 15 October to: University Women's Club Bursary, 2-5 University Hall.

IODE First or Second War Memorial Post-Graduate Scholarships

Donor: IODE. *Where tenable:* At universities located in Great Britain or any part of the Commonwealth, and at universities located in Canada. *Level of study:* Post-graduate. *Field of study:* Any subject vital to the interests of the Commonwealth. *Value:* Those tenable outside Canada, \$5,000 each; those tenable in Canada, \$3,500 each. *Number:* Ten. *Duration:* One year with renewals possible at reduced value. *Conditions:* Candidates may be men or women but must be Canadian citizens, passed their twentieth birthday but not their thirtieth; each candidate must hold a first degree from a recognized university and must have done or be doing post-graduate work. For

further details contact the Student Awards Office, 219 Central Academic Building, telephone 432-3495. *Closing date:* 15 November 1976. *Further information and application forms can be requested from:* Mrs. W.H. Sales, IODE Scholarship Secretary, 10736 52 Street, Edmonton, Alberta T6A 2H3.

Closing dates for Canada Council competitions

Programs operated by the Fellowships Sections, Humanities and Social Science Division: leave fellowships, 10 October 1976; doctoral fellowships, 1 December 1976 (new applications), 15 January 1977 (renewals); special MA scholarships, 15 October 1976 (nomination letters), 15 November 1976 (candidates' applications). *Programs operated by Arts Awards Service:* Senior Arts Grants, 15 October 1976 (first competition), 1 April 1977 (first competition); Arts Grants, 15 October 1976 (first competition), 1 April 1977 (second competition). *Programs operated by Cultural Exchange Section, Management Advisory Services Division:* Grants for visiting lecturers, 15 November 1976; grants for exchange scholars with France, 1 December 1976; grants for exchange scholars with USSR, 1 December 1976.

The Steacie Prize in the Natural Sciences

Donor: National Research Council of Canada. *Where tenable:* Unrestricted. *Level of study:* Graduate. *Field of study:* Scientific work. *Value:* Cash award of \$3,000. *Number:* One. *Conditions:* This prize is awarded annually to a person under forty years of age for outstanding scientific work in a Canadian context. The prize is administered by a group of trustees who have appointed a distinguished selection panel. Nominations may be made by individuals or by groups. *Closing date:* 4 October 1976. *Further information and application forms should be requested from:* The Secretary, E.W.R. Steacie Memorial Fund, c/o National Research Council of Canada, Ottawa, Canada K1A 0R6.

North American Ministerial Fellowships

Donor: The Fund for Theological Education, Inc. *Where tenable:* Any seminary fully accredited with the Association of Theological Schools in the United States and Canada. *Level of study:* Ordained Ministry. *Field of study:* The Ordained Ministry of the Christian Church. *Value:* Variable according to need. *Number:* Variable. *Duration:* Up to three years. *Conditions:* Open to those no older than thirty years of age at time of nomination and who are at least in graduating year or who already hold a Bachelor's degree and are citizens of Canada or the United States. *Closing date:* Each candidate must be nominated by a minister or faculty member to the Fund by 20 November of each year. *Further information and application forms should be requested from:* The Fund for Theological Education, Inc., Building J, 1101 State Road, Princeton, N.J. 08540.

Commonwealth Scholarships

Donor: Commonwealth Fellowship Committee. *Where tenable:* Ghana, Hong Kong, India, Jamaica, Malaysia, Nigeria, Sri Lanka, Trinidad, Tobago, United Kingdom. *Level of study:* Graduate. *Field of study:* Limited to facilities available in each country. *Value:* Travel expenses and living and study costs of a scholar during tenure of the award. *Number:* Variable. *Duration:* Two academic years. *Conditions:* Available to men and women who are citizens of Canada to pursue post-graduate study. Candidates must have graduated from a recognized university or hold equivalent qualifications. Candidates must return to their own country upon completion of the study for which the award is intended. Candidates must have a good knowledge of written and spoken English. *Closing date:* October 1976. *Further information and application forms should be requested from:* The

folio accepts display advertising

Size and rates: the basic unit size is 45 agate lines x 15 picas (3¼" x 2½"). The full page is divided into 9 such units, any combination of which is available at a cost of \$20 per unit. Half pages cost \$100. A professional/business card unit (2½" x 1½") is available at a cost of \$12. Discounts are offered for extended runs; please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is preferred; there is a charge of 15c per word for typesetting, and \$5 per line for design of work which is not camera ready. Deadline for submission is one week prior to publication (Thursday, 4 p.m.) for camera-ready copy; 10 days for all other advertising copy. Positioning is at the discretion of the editor.

Contact: Richard Kerr or Esther Fraser, 326 Assiniboia Hall, The University of Alberta; telephone 432-4991.

Canadian Commonwealth Scholarship and Fellowship Committee, c/o The Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1.

Canada Council Special MA Scholarships

Donor: The Canada Council. *Where tenable:* A Canadian university. *Level of study:* Master's. *Field of study:* Humanities and social sciences. *Value:* \$5,500 plus travel allowance for award holder. *Number:* 100 in Canada. *Duration:* 12 months. *Conditions:* All candidates must be nominated first by a faculty member. The competition is open to those nominees who have first class standing in their present or previous course of studies; are in the final year of a BA (Honors) program or its equivalent and intend to pursue full-time graduate studies at a Canadian university for a master's degree. Nominees must be Canadian citizens by January 1977. *Closing date:* For nominations, 5 October 1976; for completed applications, 15 November 1976. *Nomination letters are available from:* L. Henderson, Administrator of Student Awards, 219 Central Academic Building, telephone 432-3495.

Mexican Government Scholarships

Donor: Association of Universities and Colleges of Canada. *Where tenable:* Mexico. *Level of study:* Post-graduate. *Field of study:* All fields except medicine. *Value:* \$200 living per month plus tuition and travel. *Number:* five. *Duration:* one academic year. *Conditions:* Applicants must be Canadian citizens who have obtained a first degree from a Canadian university. They must have good knowledge of Spanish. Those over thirty-five will not be eligible. *Closing date:* 15 December 1976. *Further information and application forms should be requested from:* Director, International Programs, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1.

The Rutherford Scholarship

Donor: The Royal Society. *Where tenable:* British Commonwealth. *Level of study:* Graduate. *Field of study:* Natural sciences. *Value:* £1,850 per annum (£1 = \$1.73 Canadian). *Number:* Variable. *Duration:* Three years. *Conditions:* Applicants must be under twenty-six. Preference will be given to experimental physics and normally will not be awarded to a graduate who has already held a senior research award. *Closing date:* 15 February 1977. *For further information contact:* Executive Secretary, The Royal Society, 6 Carlton House Terrace, London SW1Y 5AG.

German Academic Exchange Scholarship

Donor: German Academic Exchange Service. *Where tenable:* Germany. *Level of study:* Graduate studies. *Field of study:* All except medicine and pharmacy. *Value:* 650 to 1,000 DM per month plus tuition and partial travel expenses (1 DM = \$.40 Canadian). *Number:* One. *Duration:* Ten months commencing 1 October. *Conditions:* Applicants must be Canadian citizens, must have a first degree by the date of tenure, must be not more than thirty-two, and must be sufficiently fluent in the German language. *Closing date:* 1 December 1976. For further information: apply by letter and include a detailed plan of study to the Administrator of Student Awards, 219 Central Academic Building, telephone 432-3495.

Israeli Government Scholarships

Donor: Association of Universities and Colleges of Canada. *Where tenable:* The Hebrew University, Jerusalem; Tel Aviv University; Bar-Ilan University; The Weizmann Institute of Science; Technion, Israel Institute of Technology. *Level of study:* Post-graduate. *Field of study:* Unrestricted. *Value:* Free tuition plus

750 Israeli pounds per month. *Number:* Unspecified. *Duration:* Nine to twelve months. *Conditions:* The language of instruction is Hebrew. For research, English or French is needed. Candidates must be Canadian citizens or hold landed immigrant status for at least one year prior to date of application. *Closing date:* 15 December 1976. *Further information and application forms should be requested from:* Awards Officer, International Programs, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1.

Royal Commission for the Exhibition of 1851 Science Research Scholarships:

The Rutherford Scholarship

Donor: The British Council. *Where tenable:* United Kingdom. *Level of study:* Graduate. *Field of study:* Unrestricted. *Value:* £1,800 a year plus possible fees and travel support (£1 = \$1.73 Canadian). *Number:* Variable. *Duration:* Up to three years. *Conditions:* Applications are invited from graduates of a university within the British Commonwealth who are under twenty-six. Travel grants are available to post-graduate students proceeding from the overseas countries to the UK. For further information and applications contact the Student Awards Office, 219 Central Academic Building, telephone 432-3495. *Closing date:* 21 March 1977. *Further information and application forms may also be requested from:* Royal Commission for the Exhibition of 1851, 1 Lowther Gardens, Exhibition Road, London SW7 2AA.

New Zealand 1977

Commonwealth Scholarship

Donor: The Canadian Commonwealth Scholarship Committee. *Where tenable:* New Zealand and Australia. *Level of study:* Post-graduate. *Field of study:* Normally unrestricted. *Value:* Living and study costs of a scholar plus travel expenses. *Number:* Variable. *Duration:* Two years. *Conditions:* Men and women applicants must be citizens of Canada and under thirty-five. Candidates must return to their own country upon completion of the study. *Closing date:* 31 December 1976. *Further information and application forms should be requested from:* The Canadian Commonwealth Scholarship and Fellowship Committee, c/o The Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1.

The Lady Davis Fellowship Trust

Donor: Lady Davis Fellowship Trust. *Where tenable:* Hebrew University of Jerusalem. *Level of study:* Doctoral. *Field of study:* Variable. *Value:* Travel, tuition, and reasonable living expenses. *Number:* Variable. *Duration:* One or two academic years. *Conditions:* Candidates may apply in their senior undergraduate year or after they have undertaken study in a graduate school. Doctoral candidates may apply at any stage of their professional careers. *Closing date:* 1 January 1977. *Further information and application forms should be requested from:* The Secretary General, Lady Davis Fellowship Trust, P.O. Box 1255, Jerusalem, Israel.

Canada Council

Doctoral Fellowships

Donor: The Canada Council. *Where tenable:* At any recognized university of Canada and abroad. Restrictions concerning citizenship should be noted. *Level of study:* Doctoral. *Field of study:* Humanities and social sciences. *Value:* \$5,500 to \$6,500. *Number:* 1,300 in Canada. *Duration:* Fellowships are renewable subject to evidence of satisfactory progress. *Conditions:* Persons are eligible for the competition if, by the time of taking up the Fellowship, they will have completed one year of graduate study beyond the BA (Honors) or its equivalent, and will be registered in a program of studies leading to the PhD or its

equivalent. *Closing date:* 1 December 1976. Further information and application forms have been distributed to departments.

RESEARCH GRANTS

All inquiries regarding the following grants should be directed to G. Holmes, Research Grants and Contracts Office, 3-31 University Hall, telephone 432-5360.

Granting Agencies: Application Deadlines

This list of deadline dates for submissions to granting agencies for research funds, exchange programs, and travel grants is published every month in *Folio*. In order to allow sufficient time for processing, all applications should reach the Research Grants and Contracts Office at least ten days before the deadline date. Where other University resources are involved, the time requirement may be much longer than ten days and such applications should therefore be submitted well in advance. An extra copy of the application should be provided for the Research Grants and Contracts Office.

Further information may be obtained by consulting the *Calendar of Granting Agencies for Research Funds, Exchange Programs, and Travel Grants*, which is available in the offices of Deans, Directors of Institutes, Centres, and Department Chairmen, or by phoning the Research Grants and Contracts Office, 432-5360. Note: Although the *Calendar* is updated on a continuous basis, the following information could be subject to change without notice. If staff members have advanced information on forthcoming changes, the Research Grants and Contracts Office would appreciate being advised. Code: (R) Research funds; (E) Exchange programs; (T) Travel grants.

Calendar source number	Code	Granting agency	Deadline date
(59)	E	Canada Council—Exchange Program with the USSR	15 Nov.
(123)	R	Department of Communications	1 Nov.
(131)	R	Department of the Environment—Canadian Forestry Service	30 Nov.
(133)	R	Department of the Environment—Water Resources Research	Nov.
(255)	R	Medical Research Council	15 Nov. 1 Sept.
(300)	R & T	National Research Council of Canada	1 Nov.
(420)	R	US Department of Health, Education and Welfare	1 Nov.
		New and supplemental	1 Mar. 1 Jul. 1 Oct. 1 Feb. 1 Jun.
		Renewals	

POSITIONS VACANT

ACADEMIC POSITION

Legal Research Officer
Faculty of Extension
Legal Resource Centre

Duties: responsible for conducting and supervising legal research for programs and productions of the Centre. This person would be involved in designing and

conducting workshops and in assisting or supervising other staff at the Centre. Travel throughout Alberta and Canada will be required. *Qualifications:* membership in the Law Society of Alberta and some experience in practice in Alberta preferred; some research experience preferred as well as active involvement in community activities. This position is open to both men and women. *Salary:* will be commensurate with qualifications and experience. *Applications:* Interested persons should submit a comprehensive résumé to Lois Gander, 329 Corbett Hall. *Closing date:* 15 October.

NON-ACADEMIC STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly.

Clerk Steno I (\$553-\$667)—Educational Media
Clerk Typist II (\$573-\$695)—Housing and Food Services; Forest Science; Student Awards; Secondary Education
Clerk Steno II (\$594-\$721)—Elementary Education; Geography; Faculty of Graduate Studies and Research; Physics; Economics
Switchboard Operator (\$644-\$781)—Physical Plant
Clerk Typist III (\$644-\$781)—Physical Plant; Physiology; Personnel Services and Staff Relations
Clerk Typist III (\$644-\$781, trust)—International Microwave Institute
Clerk Steno III (\$667-\$812, trust)—Non-Academic Staff Association
Clerk Steno III (\$334-\$406, half-days)—Faculty of Graduate Studies and Research (Research and Grants Office)
Clerk Steno III (\$667-\$812)—Faculty of Law (two positions); Psychology; Faculty of Education; Student Counselling; Secretariat; Industrial and Vocational Education; Faculty of Dentistry
Accounts Clerk II (\$721-\$882)—Physical Plant
Admissions/Records Trainee (\$695-\$847)—Office of the Registrar
Medical Steno (\$721-\$882)—Faculty of Medicine
Secretary (\$751-\$921)—Faculty of Business Admin-

istration and Commerce; Faculty of Dentistry
Library Assistant I (\$695-\$847)—Computing Science
Library Assistant II (\$751-\$921)—Faculty of Extension
Administrative Clerk (\$781-\$959)—Housing and Food Services (two positions)
Laboratory Assistant I (\$535-\$595, trust)—Pharmacology
Technician I (\$781-\$959, trust)—Pediatrics
Farm Equipment Operator (\$882-\$1,088)—Animal Science
Office Equipment Repair Technician II (\$882-\$1,088)—Technical Services
Parking Control Supervisor (\$959-\$1,186)—Physical Plant
Laboratory Technologist (\$921-\$1,136)—Provincial Laboratory
Machinist Technician III (\$1,043-\$1,293)—Technical Services
Applications Analyst (\$1,000-\$1,239)—Pharmacology; Chemistry
Administrative Assistant (\$1,000-\$1,239)—Faculty of Business Administration and Commerce
Administrative Assistant (\$1,000-\$1,239)—Collège Universitaire Saint-Jean (bilingual)
Instrument Technician III (\$1,043-\$1,293)—Chemical Engineering
Electronics Technician I (\$882-\$1,088)—Chemistry
Technical Assistant (\$721-\$882)—Pharmacology
Technical Assistant (\$721-\$992, trust)—Physics
Civil Engineering Technician I (\$781-\$959)—Civil Engineering
Storeman I (\$644-\$781)—Provincial Laboratory
Technologist II-III (\$1,000-\$1,412, term)—Medical Bacteriology

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board postings in the Library Personnel Office, 516 Cameron Library should be consulted for further information as to position requirements and availability.

Library Clerk III (\$644-\$781)—Cataloguing (three positions)

The University of Alberta Press



Visit the exhibition
in the Department of Classics

Read the book

published by the University of Alberta Press

Near Eastern
and Classical
Antiquities

By Jeremy Rossiter and
Diane Dillenbeck

Sponsored by the Faculty of Arts
and University Collections

A Descriptive catalogue to the exhibition is now available giving the historical and archaeological background of the excavations at Tell al-Ubaid, Iraq and Tell en-Nasbeh, Palestine where many of the Near Eastern artifacts were found. Short histories of Greek pottery, Roman glass, and lamps and coins of the ancient world are included and some of the manufacturing processes are explained in three technical appendices.

Every exhibit is described in detail and over 30 of them appear in photographs. There are also maps and drawings.

Available at the Bookstore,
Students' Union Building
Soft cover, \$3.00

PERSONAL NOTICES

Because of the upcoming long weekend, all advertisements must be received by 9 a.m. the Thursday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation Available

- For sale—two-bedroom house. Near University. Very good condition. Offers. 439-5248, 434-2779.
- For sale—Saskatchewan Drive: outstanding bungalow, five bedrooms in total, library, two fireplaces, outstanding view. To view, call Millie-Lynne McLean, 435-7896; 436-5080; 426-5880, 854.
- For sale—Grandview Heights. Four-bedroom family home. Plenty of room. Excellent for entertaining. Priced to sell. Ian, 474-0681, 429-4291 page 1807. Sunningdale Homes. Specialists in top people.
- For sale—luxurious new three-bedroom townhouse in west end. Large master bedroom, front and back yard. Parking for two cars. Immediate possession. Large mortgage. \$55,500. Don Richards, 488-0121; 24-hour page 426-5880, extension 872.
- Sublet—1 November to April, May: deluxe highrise, furnished, one bedroom. Adults. Riverview, central. Telephone 488-0652 after five.
- \$83,000. Private sale: four-year-old split-level. 1,784 square feet, four bedrooms, family room with open fireplace. Living room bay window facing west. 65 by 110 landscaped lot; paved driveway and pad for 22 by 24 backyard garage. Collingwood district, two blocks to bus. Possession 16 October. If we list MLS we'll ask \$88,000, probably accept \$86,000, pay a 7% commission of \$6,000 and realize only \$80,000. Buy direct and we both save \$3,000. For appointment to view telephone 487-3310 after 4 p.m. weekdays or anytime weekends.
- Furnished office, waiting room, telephone; downtown; 2½ days per week. \$90 monthly. Suit professional. 433-1716, 424-5531.
- For sale—Colonial two-storey; close to bus for downtown and University; three bright bedrooms; main floor den; brick fireplace; exceptional kitchen with patio doors to cedar deck; three years old. Fixed mortgage 8¼%. \$82,900. Telephone Sandra Kronstedt or Jeanne Eid. Spencer Real Estate, 436-5250, 434-0518.
- For sale—Attractive four-bedroom family home with spacious development downstairs. Double garage. Ready for occupancy November. \$79,900. Telephone Mrs. Anderson, Royal Trust 435-4869, 434-4460.
- For sale—two-bedroom bungalow in Parkallen. Large

- single garage, fully developed basement. \$51,900. Jay, 432-2001, 435-4943.
- For sale by owner—Parkallen semi-bungalow, close to University and bus lines; three bedrooms, open basement, garage, trees. Telephone 436-1290 after five.
- For sale—owner transferred. Three-month-old three-bedroom bungalow in Mill Woods: 1,068 square feet, 1½ baths, RIDP, large mortgage. Asking \$62,900. Telephone 462-2773 after five p.m.
- For sale—convenient to University (Meadowlark) three-bedroom custom-built bungalow. New shag, extra bathroom and bedroom in basement. All appliances. Immediate possession. 439-4442.
- For sale—eighty acres on hardtop, thirty-one miles from Edmonton. 878-3782.
- For sale—University area 1,600-square-foot semi-bungalow. Immaculate condition. Double garage. Listed \$76,500. For details, or to view, telephone Verna Green, 452-6345; residence, 452-6764.
- Rent gone up? If you are paying more than \$300 per month you could buy your own home. Telephone Herb McClure, 466-1871 or Graham Realty, 439-7305.
- For sale—up-and-down duplex within easy walking distance of University. Two separate entrances, mahogany woodwork throughout; garage and parking pad. This property is only thirteen years old and is in immaculate condition. Rental potential from lower floor is \$300. For further information please telephone Norm Paul at 435-8924 or Le Page Melton, 439-3995.

Accommodation Wanted

- House wanted—Young couple from Calgary will pay up to \$100,000 for a bungalow with good basement development, preferably a suite. Please telephone Dorothy Hamilton, H.R. Kellough Realty, 439-7371 or 436-8509.
- House wanted—local buyer desires 1,300-square-foot bungalow in southwest. Prefers open basement. December possession. Has smaller home to trade. Pay up to \$87,000. Telephone Steve Gibbens, H.R. Kellough Realty, 439-7371; residence, 489-5934.

Automobiles and Accessories

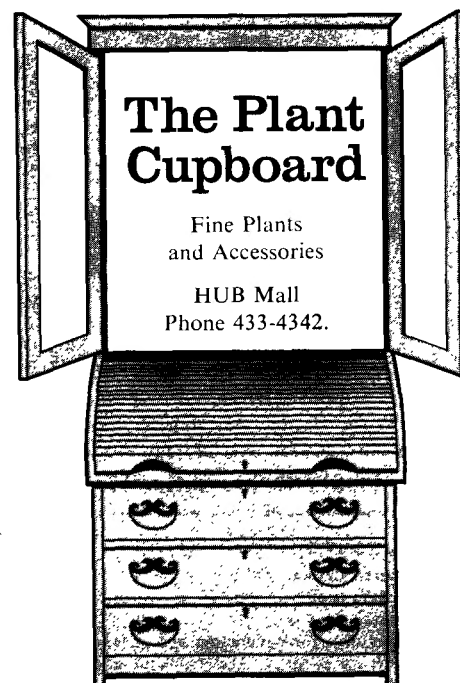
- 1972 Superior 22-foot Motorhome; powerplant air. 28,000 miles. Dodge chassis. Excellent condition. \$13,800. 458-1912.
- 1972 Pontiac Ventura; automatic, power steering. \$2,200—nearest offer. Daytime, Dr. Sam, 432-8822; evenings and weekends, 469-6183.
- For sale—1971 Mazda R100; excellent condition; six Michelin radials, new paint. Telephone 435-2909 evenings.

Goods and Services

- Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.
- Babies wanted—two- to nine-month-old volunteers

- needed for research in the development of visual memory. Dr. Cornell, 432-5216.
- Low fare to the Orient. Telephone Eric Choi, 462-7201.
- Typing—reasonable rates. Mrs. Hlus. Telephone 484-2629.
- Spectacular fall fishing at exclusive northern fly-in trophy lake. Book a group from your department for a three- or four-day derby. Brochure and information available. Telephone 434-3104.
- Widely experienced PhD in English available as expert tutor for high school or University level English composition and/or literature. Telephone 488-6669 after six.
- Antiques are being born every day. Furnish with fine old furniture. Calithumpia 11, 9918 89 Avenue. Call first, 433-6358.

- Eureka upright vacuum cleaner, E2080; one year old; perfect condition. 435-2412.
- Aspen Salon de Conversation Française. Conversational French class. Register now, telephone 435-4467.
- Plants for sale: seven-foot-high philodendron, leaves twenty inches across, \$150. Smaller plants available. 436-3127.
- For sale—as new: avocado self-cleaning stove used six weeks; cost \$500—sell \$350. Free-standing wood-burning fireplace; value \$200—sell \$100. 435-5282 after six.
- For sale—clearance of greenhouse plants; twenty varieties, green and flowering. 25 cents to \$3. Russell, 455-9807.
- For sale—electric typewriter, \$125. Older model Royal, completely reconditioned. Telephone 433-0321 evenings or weekends.
- For sale—limited companies, \$250. Bizecon International Ltd. 5821 118 Avenue. 474-0782.
- For sale—king size mattress; dinette set with two chairs; drapes; odds and ends. 436-6629 after six.
- Bagpipes, two children's kilts, sword. 436-1167.
- For sale—female Irish Setter puppy nine weeks old. Show stock by Champion Bayknoll Emerald Prince x Champion Tirvela Galway Maggy's Mischief. Health and quality guaranteed. \$300. Telephone Rudy de Haas, 427-3627, or, evenings, 458-0623.
- For sale—five by seven Pilot press, complete; five job cases, several fonts. 433-4509.
- Anyone needing garden tilled, landscaping, telephone Jerry, 439-3531.



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